

WATER LABORATORY DATA SHEET

GROUP NAME _____

Member's names:

Hypothesis: How many drops of water will fit on the face of a penny? _____

How many drops will fit on the building side of a penny? _____

Explain your group's theory on how you came to this hypothesis.

Investigation:

- 1) Place a penny face up on a table top.
- 2) Have one person use the dropper to drop water onto the penny. This should be done by the same group member throughout the investigation. Do this one drop at a time very slowly.
- 3) The group's recorder will count the number of drops and record the information onto this data sheet.
- 4) Repeat steps #1-3 three more times and record the data on this sheet.
- 5) Find the average of the 4 numbers to determine the average number of water drops a penny will hold.
- 6) Repeat this process using the building side of the penny.

DATA:	<u>head side</u>	<u>building side</u>
1 st try	_____	_____
2 nd try	_____	_____
3 rd try	_____	_____
4 th try	_____	_____
average	_____	_____

Conclusion:

A) Was your group's hypothesis correct? _____

B) Why does your group think the results ended up as they did? _____

C) List at least 2 variables that could have affected the outcome of your results.
